

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 09.01.13 Job No.: P00275 ADR Yes/No: Yes ADR Date: 08.12.19 ECN #: 09- 504
 Product No.: D412-786 Created By: HS Approved By: *[Signature]*
 Product Name: Blade Folding Kit Provisions Checked By: *[Signature]* General Manager Approval: *N/A*

Distribution	Reqd	Resp	Initial / Date	Distribution	Reqd	Resp	Initial / Date
Production Manager	Y	LL		DQA / QA Coord	N		
Production Engineering Coord	Y	EC		QC Coordinator	N		
Production Document Control	Y	JLB		Marketing	Y	SW	
Customer Technical Support	Y	DS		Customer Order Processing	N		

Reason for Change: Wire strike kits on Bell 412s call for the removal of nose hardpoints. New hardpoints have been designed to facilitate wire slippage and allow usage of the D412-695-011 Blade Folding Kit.

Documents Affected:

D3866 Rev A D3870 Rev A
 D3868 Rev A D3871 Rev A
 D412-786-1 Rev A MDL-D412-786 Rev A

PARTS MUST COMPLY



PREVIOUS PARTS SATISFACTORY



#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	Y	SW	L-3 Vertex Aerospace - Jim Williams	
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Product Compatability Matrix	N			
6	Create Eurocopter Form (FEE)	N			
7	Notify TC / FAA of Change	N			

#	Document Control Actions	Reqd	Resp	Notes	Complete
8	Move Electronic Files	Y	KJ		
9	Update Blue/Pink/DSI Folder and Electronic Files	Y	KJ		09.02.02 <i>[Signature]</i>
10	Update Controlled PDF Files	Y	KJ		09.02.02 <i>[Signature]</i>
11	Update Master Document List (MDL)	Y	HS		By For HS 09.01.14
12	Update Document Record (DR)	Y	KJ	Rev. A	09.02.03 <i>[Signature]</i>
13	Update Product Development Summary	N			
14	Update QSI 021 and/or STC Approval List	N			
15	Update Parts / STC Database	Y	KJ	APPROVAL Compo # B7	09.02.02 <i>[Signature]</i>
16	Update / Verify ARC Database	Y	KJ		09.02.02 <i>[Signature]</i>
17	Create / Update Change Record Form	Y	KJ	D412-786-011/-013/-015@ CHG 001	09.02.03 <i>[Signature]</i>
18	Create / Update PPP's	Y	KJ		09.02.03 <i>[Signature]</i>
19	Update Document Control Database / Laminated Dwgs	N			
20	Update Grey Project Binder	Y	KJ	Add ADR	09.02.02 <i>[Signature]</i>
21	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		09.02.02 <i>[Signature]</i>
22					
23					

Description / Action:

- The 412CF aircraft have nose hardpoints that are compatible with wire strike kits. The 412/412EP hardpoint are not wire strike compatible. The 412CF hardpoints were used as guidance for the design of the nose hardpoints (D3870-041/-042/-5) Tailboom hardpoints were also designed using the 412CF hardpoints as guidance.
- Create estimate for the production of D412-786-011, D3866-1, D3866-3, D3866-041, D3866-043, D3868-1, D3868-3, D3868-5, D3870-1, D3870-3, D3870-5, D3870-041, D3870-042, D3871-1 and D3871-2
- Create 1 prototype D412-786-011 Kit to ship to L-3 Vertex ASAP

W/A
JLB 09.02.03

ECN Verified & Complete: _____

Date: _____

PROTOTYPE REQUEST FORM

DART Aerospace Ltd.

Product #: D412-786

Job #: 00275

Date: 09.01.15

Product Name: Blade Folding Kit Provisions

Requested By: HS

Design Manager Approval: _____

Quantity	Part Number	Category	Description	Drawing Date	Material Cert Req'd?	Due Date	Comments	Date Completed
1	D412-786-011		Blade Folding Kit Provisions					
1	D3866-041		Tailboom Mount					
1	D3866-1		Mount					
2	D3868-1		Spacer					
1	D3866-043		Tailboom Mount					
1	D3866-3		Mount					
1	D3868-3		Spacer					
1	D3868-5		Spacer					

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1	D3870-041		FWD LH Hardpoint					
1	D3870-1		Base					
1	D3870-3		Rib					
1	D3870-042		FWD RH Hardpoint					
1	D3870-1		Base					
1	D3870-3		Rib					
1	D3870-5		FWD Upper Hardpoint					
1	D3871-1		Doubler					
1	D3871-2		Doubler					

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Quantity	Part Number	Category	Description	Drawing Date	Material Cert Req'd?	Due Date	Comments	Date Completed
22	MS21042L3		Nut					
20	MS27039-1-11		Screw					
1	MS27039-1-12		Screw					
1	MS27039-1-14		Screw					
34	NAS1149D0332J		Washer					